Shottky barrier diode RSX051VA-30

•Application General rectification.

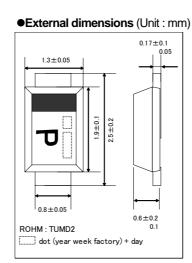
Features

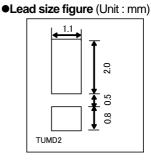
Small mold type. (TUMD2)
Low VF

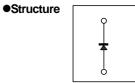
3) High reliability.

Structure

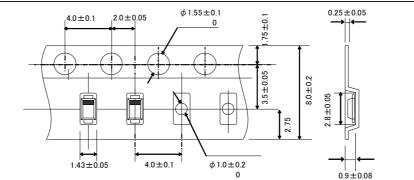
Silicon epitaxial planar







•Taping dimensions (Unit : mm)



•Absolute maximum ratings (Ta=25°C)

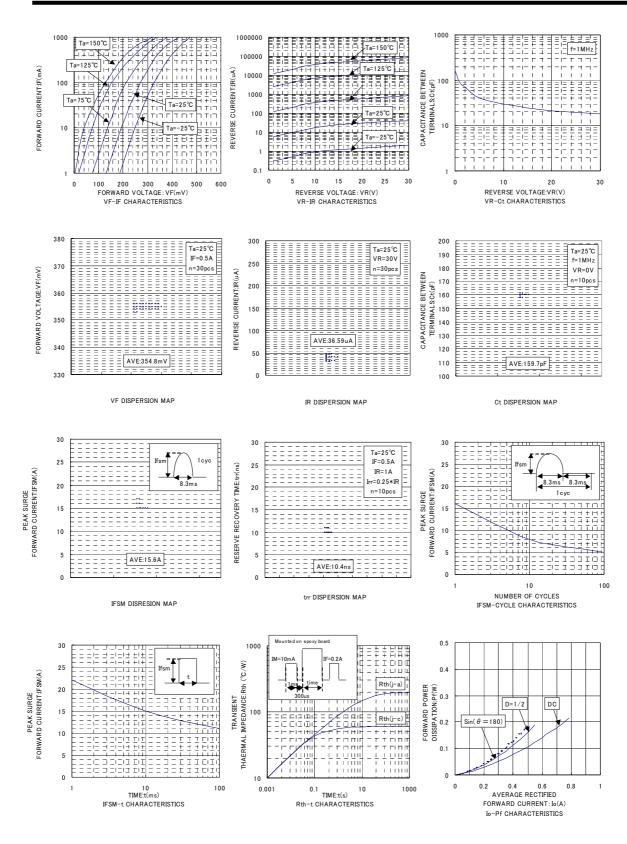
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V _{RM}	30	V
Reverse voltage (DC)	V _R	30	V
Average rectified forward current	lo	500	mA
Forward current surge peak	I _{FSM}	5	А
Junction temperature	Tj	150	S
Storage temperature	Tstg	-40 to +150	°C

●Electrical characteristics (Ta=25°C)

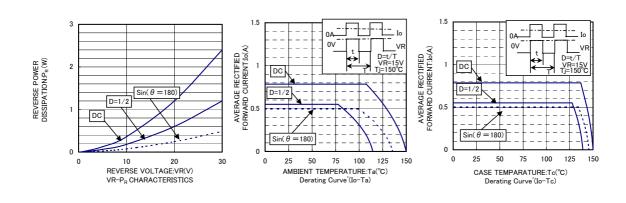
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	0.35	0.39	V	I _F =500mA
Reverse current	I _R	-	40	200	μA	V _R =30V



Diodes



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